

## METHOD OF IDENTIFYING INHIBITORS OF TIE-2

## ABSTRACT OF THE DISCLOSURE

The present invention relates to polypeptides which comprise the ligand binding  
5 domain of Tie-2, crystalline forms of these polypeptides and the use of these crystalline  
forms to determine the three dimensional structure of the catalytic domain of Tie-2. The  
invention also relates to the use of the three dimensional structure of the Tie-2 catalytic  
domain both alone, or in complex with inhibitors, in methods of designing and/or  
identifying potential inhibitors of Tie-2 activity, for example, compounds which inhibit  
10 the binding of a native substrate to the Tie-2 catalytic domain.